

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	56251	((syngas or (syn adj gas) or syn-gas or (synthesis adj gas) or synthesis-gas or SNG or (split adj gas) or ((hydrogen or H2 or ""H. sub.2"" or hydrogenous or dihydrogen) same (CO or (carbon adj monoxide) or (carbon adj oxide)))) and ((auto adj therm\$5) or autotherm\$5 or auto-therm\$5 or ATR or EATR or reform\$7 or gasifi\$7 or pyrol\$7 or (partial\$3 with (combust\$4 or oxidat\$3 or oxidiz\$4)) or POX or GPOX or CPO or UOB or ((underoxidiz\$4 or under-oxidiz\$4 or oxidiz\$4) with burn\$3) or crack\$3 or furnace))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 11:18
L2	95679	reform\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 11:18
L3	39121	partial oxidation or POX or partial\$2 near oxid\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 11:19
L4	136	2 with exchange with 3	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 13:15
L5	0	4 same filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 11:20
L6	19	4 and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 11:29
L7	2	4 and trap	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 11:29
L8	1134	spher\$6 near2 (trap or filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 13:21
L9	6	8 same soot	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 13:16

EAST Search History

L10	3118	spher\$6 near5 (trap or filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 13:23
L11	8	10 same soot	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 13:21
L12	3118	10	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 13:24
L13	124	1 and 10	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 15:23
L14	2945	alumina near8 high temperature	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 15:24
L15	47	combustion with 14	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 17:36
L16	5	15 and spher\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 17:36
S1	46525	gasif\$8	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/08/31 08:06
S2	55	carboneceous	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/08/31 08:06
S3	51927	carbonaceous	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/08/31 08:06
S4	374209	carbonaceous or soot or particulate	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/08/31 08:07
S5	2509	S1 near4 S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/08/31 08:07

EAST Search History

S6	25128	partial oxidation or POX	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/08/31 08:07
S7	230	S5 same S6	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/08/31 08:19
S8	12256	particulate near filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/08/31 08:19
S9	20	S6 same S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/08/31 08:32
S10	506	S6 same soot	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/08/31 08:32
S11	101	S10 same S1	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/08/31 08:32
S12	206	S1 near4 soot	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/08/31 08:33
S13	31	S12 same S6	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/08/31 08:33
S14	46525	gasif\$8	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/08/31 09:39
S15	25128	partial oxidation or POX	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/08/31 09:39
S16	206	S14 near4 soot	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/08/31 09:39
S17	31	S16 same S15	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/08/31 11:07

EAST Search History

S18	2	("5897970" "6077490").PN. OR ("6824902").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/31 09:45
S19	78	S16 and S15	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/31 09:55
S20	1412	soot near3 filter	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/31 09:56
S21	12	S20 same S15	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/31 10:16
S22	263	S14 with (soot)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/31 10:16
S23	1758	S14 with (soot or ash)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/31 10:17
S24	238	S23 same (S15 or syngas or syn-gas or syn gas)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/31 10:17
S25	16	S24 same filter	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/31 10:23
S26	78	S15 with (filter or trap)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/31 10:33
S27	797	soot.ti.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/31 10:33
S28	20	S27 and (S15 or syn gas or syngas or syn-gas)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/31 10:40
S29	22902	S15 or syn gas or syngas or syn-gas	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/31 10:40
S30	1029	particulate same S29	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/31 10:41
S31	246	S30 same S14	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/31 10:41
S32	18	S31 same (filter or trap)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/31 10:54

EAST Search History

S33	3057440	clean or cleaning or filtering or filtered or cleaned or cleaner or filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/08/31 10:55
S34	496	S33 with S29	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/08/31 10:55
S35	5730155	filter or remove or removing or filtering or trap or trapping or trapped or filtered or removed or removal	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/08/31 11:08
S36	1789663	soot or ash or particulate or carbon or carbonaceous	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/08/31 11:08
S37	139282	S36 near3 S35	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/08/31 11:09
S38	1825	48/197R.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/08/31 11:09
S39	575	S38 and S37	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/08/31 11:09
S40	287	S39 and S29	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/08/31 11:44
S41	333747	particulate or soot	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/08/31 11:44
S42	1836357	trap or filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/08/31 11:44
S43	23934	S42 near2 S41	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/08/31 11:45
S44	53	S43 same S29	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/08/31 11:59

EAST Search History

S45	10	((("4140655") or ("3895093") or ("5149516") or ("4456703") or ("4179409") or ("4055513") or ("4102777") or ("3885020") or ("4080433") or ("4049583")).PN.	US-PGPUB; USPAT	OR	OFF	2007/08/31 12:01
S46	5	("5453108" "5460637" "5944859" "6110860" "6273925").PN. OR ("6863868").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/31 12:12
S47	633	hot gas near2 filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/08/31 12:12
S48	26	S47 and S29	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/08/31 12:12
S49	759220	combust\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/02 15:58
S51	32134	soot	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/02 15:58
S52	5351	S49 near5 S51	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/02 15:58
S53	1169	S52 same filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/02 15:59
S54	286	S53 same catalyst	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/02 15:59

EAST Search History

S55	56232	((syngas or (syn adj gas) or syn-gas or (synthesis adj gas) or synthesis-gas or SNG or (split adj gas) or ((hydrogen or H2 or ""H. sub.2"" or hydrogenous or dihydrogen) same (CO or (carbon adj monoxide) or (carbon adj oxide)))) and ((auto adj therm\$5) or autotherm\$5 or auto-therm\$5 or ATR or EATR or reform\$7 or gasifi\$7 or pyrol\$7 or (partial\$3 with (combust\$4 or oxidat\$3 or oxidid\$4)) or POX or GPOX or CPO or UOB or ((underoxidid\$4 or under-oxidid\$4 or oxidid\$4) with burn\$3) or crack\$3 or furnace))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/02 16:01
S56	35	S54 and S55	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/03 09:03
S57	18996	(syngas or (syn adj gas) or syn-gas or (synthesis adj gas) or synthesis-gas or SNG or (split adj gas))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/03 09:07
S58	1658919	(carbonaceous or carboniferous or coke or carbon or coal or soot or carbyl)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/03 09:07
S59	14788	((auto adj therm\$5) or autotherm\$5 or auto-therm\$5 or ATR or EATR or (reform\$7 with ((partial\$3 with (combust\$4 or oxidat\$3 or oxidid\$4)) or POX or GPOX or CPO or UOB or ((underoxidid\$4 or under-oxidid\$4 or oxidid\$4) with burn\$3))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/03 09:12
S60	1475	S57 same S58 same S59	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/03 09:13
S61	2848699	combust\$4 or oxid\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/03 09:58
S62	316626	S61 with S58	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/03 09:14

EAST Search History

S63	200989	S61 near5 S58	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/03 09:15
S64	436 1	S63 same S57 same S59	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/03 09:15
S65	68	S64 and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/03 09:46
S66	8	("4234408" "4243509" "4253836" "4299685" "4323538" "4383912" "4412908" "4415431").PN. OR ("4551223"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/03 09:46
S67	27	S64 and trap	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/03 09:46
S68	27	S64 and trap	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/03 09:46
S69	12	S68 not S65	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/03 09:46
S70	2869275	combust\$4 or oxid\$6 or gasif\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/03 09:58
S71	23320	S70 near5 (soot or ash)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/03 09:59
S72	963	S71 and S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/03 09:59
S73	376	S71 same S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/03 09:59
S74	117	S73 and (filter or trap)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/03 09:59

EAST Search History

S75	112	S74 not S65 not S69	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/03 10:58
S76	826119	hot gas or candle or high temperature	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/03 10:58
S77	4498	S76 near2 (trap or filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/03 10:59
S78	3	S57 near2 cleaner	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/03 10:59
S79	826405	hot gas or candle or high temperature	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 05:52
S80	4500	S79 near2 (trap or filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 05:52
S81	19000	(syngas or (syn adj gas) or syn-gas or (synthesis adj gas) or synthesis-gas or SNG or (split adj gas))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 05:53
S82	1659412	(carbonaceous or carboniferous or coke or carbon or coal or soot or carbyl)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 06:04
S83	14802	((auto adj therm\$5) or autotherm\$5 or auto-therm\$5 or ATR or EATR or (reform\$7 with ((partial\$3 with (combust\$4 or oxidat\$3 or oxidi\$4)) or POX or GPOX or CPO or UOB or ((underoxidi\$4 or under-oxidi\$4 or oxidi\$4) with burn\$3))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 06:05
S84	2849518	combust\$4 or oxid\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 05:53
S85	201067	S84 near5 S82	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 05:53

EAST Search History

S86	436	S85 same S81 same S83	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 05:53
S87	68	S86 and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 05:53
S88	27	S86 and trap	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 05:53
S89	12	S88 not S87	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 05:53
S90	2870096	combust\$4 or oxid\$6 or gasif\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 05:53
S91	23327	S90 near5 (soot or ash)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 05:55
S92	376	S91 same S81	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 05:53
S93	117	S92 and (filter or trap)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 05:53
S94	112	S93 not S87 not S89	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 05:53
S95	7742	S90 near5 (soot)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 05:55
S96	296	S95 and S81	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 06:04
S97	24790	S82 near4 (trap or filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 06:04

EAST Search History

S98	3403	S97 with S90	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 06:05
S99	3403	S98 and (S81 or S82 or monoxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 06:06
S10 0	828	S98 and (S81 or S83 or monoxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 06:06
S10 1	19	S98 same S81	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 06:11
S10 2	2	"6610112".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 06:12
S10 3	12	("3615297" "3620700" "3689586" "3975168" "4141696" "4704137" "4786420" "4873323" "5374356" "5415673" "5571408").PN. OR ("6610112"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/04 06:16
S10 4	0	"6077490.pn"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/04 06:16
S10 5	1	"6077490".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/04 06:16
S10 6	7	("4735638" "5167676" "5254144" "5433771" "5540896").PN. OR ("6077490"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/04 06:17
S10 7	52	("2707051" "2892510" "2892512" "3055745" "3073097" "3377783" "3436898" "3513638" "3608282" "4028254" "4271977" "4343318" "4398931" "Re24954").PN. OR ("4735638").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/04 06:59
S10 8	0	55/282.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/04 06:59
S10 9	167	55/282.3.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/09/04 06:59

EAST Search History

S11 0	3	S109 and S81	US-PGPUB; USPAT	ADJ	ON	2007/09/04 07:00
S11 1	23	("20040020176" "4018687" "4909842" "4942020" "4990181" "4992233" "5053062" "5217816" "5496655" "5545240" "5682740" "5714065" "5735332" "5766458" "5774779" "5780811" "5827424" "5951791" "6025065" "6033623" "6271461" "6314722" "6641795").PN. OR ("6918941"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/04 07:18
S11 2	44582	in-situ	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/04 07:18
S11 3	55061	in-situ	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 07:18
S11 4	1514681	regener\$5 or combust\$4 or burn\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 07:42
S11 5	816	S113 near2 S114	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 07:19
S11 6	27	S115 same filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 07:37
S11 7	92	S115 and S81	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 07:19
S11 8	221580	S115 same filter or trap	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 07:37
S11 9	27	S115 same (filter or trap)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 07:37
S12 0	1	S119 and (S81 or S83)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 07:40

EAST Search History

S12 1	13	deplet\$4 near3 soot	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 07:40
S12 2	3413982	regener\$5 or combust\$4 or burn\$3 or oxid\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 07:42
S12 3	2562	S113 near3 S122	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 07:43
S12 4	1746	S123 not S115	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 07:43
S12 5	31	S124 and (S81 or S83)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 07:43
S12 6	6	("20010031387" "20010045061" "20020031690" "20040043343" "5437123" "6413661").PN. OR ("7086853").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/04 11:16